



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10

1200 Sixth Avenue, Suite 900
Seattle, WA 98101-3140

OFFICE OF
ENVIRONMENTAL
CLEANUP

NOV - 5 2013

Ms Sheri Bozic
Jorgensen Forge
8531 E. Marginal Way S.
Seattle Washington 98108

Mr. William Ernst
The Boeing Company
M/C 1W-12
P.O. Box 3707
Seattle Washington 98101

Re: Conditional Approval with Modifications of the *Basis of Design Report, Second Modification on the Administrative Order on Consent for the Removal Action, Jorgensen Forge Outfall Site- Phase 4A/Shoreline Containment Barrier*, October 2013
Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
Administrative Order on Consent US EPA Docket No. 10-2011- 0017

Dear Ms. Bozic and Mr. Ernst:

The US Environmental Protection Agency Region 10 has completed its review of the revised *Basis of Design Report, Second Modification on the Administrative Order on Consent for the Removal Action, Jorgensen Forge Outfall Site- Phase 4A/Shoreline Containment Barrier* (Revised Final BODR) dated October 18, 2013. The BODR has been prepared for a removal action to perform subsurface sampling and to install a shoreline containment barrier along the top of the Lower Duwamish Waterway (LDW) shoreline bank on Jorgensen Forge property.

This conditional approval is based upon Jorgensen Forge making the enclosed changes to the BODR. A revised final document must be submitted to the EPA within 30 days of receipt of this letter. No further modifications or changes can be made to the Revised Final BODR other than those enclosed. Should you have any questions or comments, please contact me by phone at (206) 553-0094 or by email at edwards.jennifer@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Jennifer Edwards", is written over a large, stylized, and somewhat abstract signature that also appears to be "Jennifer Edwards".

Jennifer Edwards
Remedial Project Manager
Remedial Cleanup Program

Enclosure

cc: Mr. Brian Anderson, Boeing Corporation
Ms. Amy Essig Desai, Farallon Consulting
Mr. James Rasmussen, Duwamish River Cleanup Coalition

Comments

1. Appendix B QAPP modifications:

Please make the following revisions to the QAPP information included as Appendix B per EPA's Quality Assurance review:

- Include SoundEarth's Quality Management Plan in Appendix B.
- Include a new organizational chart. This should be a revision to Figure B-1 in Appendix B of the Jorgensen Outfall Source Control Action Pipes Cleanout work plan dated December 17, 2010, with the revised labs and new contractor illustrating the flow of authority and flow of communications amongst organizations involved in the project.
- Appendix B, Section 6.2: Data validation: The laboratory is expected to verify their analytical data prior to submission to the client. For CERCLA the lab cannot validate their own data and an independent third party reviewer is needed. Another party must validate the data and the validation stage must be stated in the QAPP. Include this validation stage in the revisions made to the QAPP.
- Please correct spacing on page B-3 Sections 2.5 and 4.2 for readability.